

ABSTRACT OF THE DISCLOSURE

A cathode ray tube including an internal magnetic shield in the shape of a hollow rectangular frustum including two long sides opposite to each other and two short sides opposite to each other, having an opening at its top and bottom, attached to a mask, and a frame. Each long side has an long side extension at a horizontal center located at the top of the internal magnetic shield where an electron beam enters the internal magnetic shield. The long side extensions enable the magnetic shield to reduce the deviation of an electron beam within the magnetic shield caused by an external magnetic field such as that caused by terrestrial magnetism.